



COMBINED DECLARATION/POWER OF ATTORNEY

ATTORNEY DOCKET NO.: PA010047

AS BELOW NAMED INVENTOR, I HEREBY DECLARE THAT: This Declaration is of the following type:

- ☒ Original
 ☐ Supplemental
 ☐ Continuation-In-Part
 ☐ Divisional
☐ Continuation
 ☐ National Stage of PCT

My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ENHANCED CONVERSION OF WIDEBAND SIGNALS TO NARROWBAND SIGNALS**, the specification of which:

☐ is attached hereto.

☒ was filed on 01/24/2001 as Serial No. 09/771,508
☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37CFR § 1.56(a).

I hereby claim foreign priority benefits under 35 USC § 119 of any foreign applications for a patent or inventor's certificate or of any PCT International applications designating at least one country other than the United States listed below and have also identified below any foreign applications for a patent or inventor's certificate or any PCT International applications designating at least one country other than the United States filed by me on the same subject matter having a filing date before that of the applications of which priority is claimed.

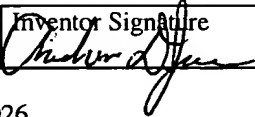
(Country)	(Application No.)	(Day/Month/Year/Filed)	Priority Claimed	
			(Yes)	(No)
I hereby claim the benefit under 35 USC § 120 of the United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC § 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:				

(Serial No.)	(Filing Date)	(Status)
I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 31,122, Gregory D. Ogrod, Reg. No. 30,880, Bruce W. Greenhaus, Reg. No. 37,339, Charles D. Brown, Reg. No. 28,285, Thomas R. Rouse, Reg. No. 40,793, Kent D. Baker, Reg. No. 38,822, Thomas M. Thibault, Reg. No. 42,181, Tom Streeter, Reg. No. 32,007, Christopher O. Edwards, Reg. No. 36,127, Pavel Kalousek, Reg. No. 44,178, Kyong H. Macek, Reg. No. 42,977, Byron Yafuso, Reg. No. 45,244, Raymond B. Hom, Reg. No. 44,773, Sean English, Reg. No. 37,319, Roger W. Martin, Reg. No. 39,291, Sandip S. Minhas, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 36,547, Philip R. Wadsworth, Reg. No. 29,219, S. Hossain Beladi, Reg. No. 42,311, Albert J. Harnois, Reg. No. 46,123, Sandra L. Godsey, Reg. No. 42,589, George C. Pappas, Reg. No. 35,065 and Maryanne E. DeAngelo, Reg. No. 47,288. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-4404 and address all correspondence to: Philip R. Wadsworth, Patent Department, QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, California 92121-1714.		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor Khaled H. El-Maleh	Inventor Signature 	Date 3/27/2001
Residence 7675 Palmilla Dr., Apt. 6314, San Diego, CA 92122-5093		Citizenship Canada
Post Office Address 7675 Palmilla Dr., Apt. 6314, San Diego, CA 92122-5093		
Full Name of Second or Joint Inventor if any Arasanipalai K. Ananthapadmanabhan	Inventor Signature 	Date 3/30/2001
Residence 10187 Camino Ruiz, #127, San Diego, California 92126		Citizenship India
Post Office Address 10187 Camino Ruiz, #127, San Diego, California 92126		

QUALCOMM Incorporated
 5775 Morehouse Drive
 San Diego, California 92121-1714
 Telephone: (858) 651-4404
 Facsimile: (858) 658-2502

Full Name of Third or Joint Inventor if any Andrew P. DeJaco	Inventor Signature 	Date 3/27/01
Residence 9705 Caminito Mojado, San Diego, California 92026	Citizenship United States	
Post Office Address 9705 Caminito Mojado, San Diego, California 92026		

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-4404
Facsimile: (858) 658-2502